

## State Water Resources Control Board

### UST CASE CLOSURE REVIEW SUMMARY REPORT

#### Agency Information

Agency Name: Central Valley Regional Water Quality Control Board, Fresno (Regional Water Board)	Address: 1685 E Street Fresno, CA 93706
Agency Caseworker: John Whiting	Case No.: 5T54000305

#### Case Information

USTCF Claim No.: 8528	GeoTracker Global ID: T0610700290
Site Name: Sub Station	Site Address: 100 North Valencia Blvd. Woodlake, CA 93286
Responsible Party: Sub Station Attn: Sukhdev Singh	Address: Private Residence
USTCF Expenditures to Date: \$989,704	Number of Years Case Open: 21

URL: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0610700290](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0610700290)

#### Summary

The Low-Threat Underground Storage Tank (UST) Case Closure Policy (Policy) contains general and media-specific criteria, and cases that meet those criteria are appropriate for closure pursuant to the Policy. This case meets all of the required criteria of the Policy. A summary evaluation of compliance with the Policy is shown in **Attachment 1: Compliance with State Water Board Policies and State Law**. The Conceptual Site Model upon which the evaluation of the case has been made is described in **Attachment 2: Summary of Basic Case Information (Conceptual Site Model)**. Highlights of the case follow:

This Site is an active commercial petroleum fueling facility in Woodlake. An unauthorized release was reported in November 1993. Soil vapor extraction and air sparging were conducted intermittently between August 2008 and June 2011 for a total of 12,664 hours, which removed 2,480 pounds of total petroleum hydrocarbons as gasoline (TPHg), 1.9 pounds of methyl tert-butyl ether (MTBE), and 8.9 pounds of benzene. Since 1995, fifteen groundwater monitoring wells have been installed and monitored. According to groundwater data, water quality objectives have not been achieved.

The petroleum release is limited to the soil and shallow groundwater. According to data available in GeoTracker, there are no supply wells regulated by the California Department of Public Health or surface water bodies within 250 feet of the Site. No other water supply wells have been identified within 250 feet of the Site in files reviewed. The unauthorized release is located within the service area of a public water system, as defined in the Policy. The affected groundwater is not currently being used as a source of drinking water, and it is highly unlikely that the affected groundwater will be used as a source of drinking water in the foreseeable

Sub Station  
100 N. Valencia Blvd.  
Claim No: 8528

future. Other designated beneficial uses of impacted groundwater are not threatened, and it is highly unlikely that they will be, considering these factors in the context of the site setting. Remaining petroleum hydrocarbon constituents are limited and stable, and concentrations are decreasing. Corrective actions have been implemented and additional corrective actions are not necessary. Any remaining petroleum hydrocarbon constituents do not pose a significant risk to human health, safety or the environment.

#### **Rationale for Closure under the Policy**

- General Criteria: The case meets all eight Policy general criteria.
- Groundwater Specific Criteria: The case meets Policy Criterion 1 by Class 1. The contaminant plume that exceeds water quality objectives is less than 100 feet in length. There is no free product. The nearest water supply well or surface water body is greater than 250 feet from the defined plume boundary. The Site contaminant plume is defined downgradient by wells EW-7, MW 8 and MW-9. The cross and downgradient detections beyond those points are from an adjacent site or sites, including Valero Brother's Exxon, 200 North Valencia Boulevard, GeoTracker Global ID: T0610700444.
- Vapor Intrusion to Indoor Air: The case meets the Policy Exclusion for Active Station. Soil vapor evaluation is not required because the Site is an active commercial petroleum fueling facility and the release characteristics do not pose an unacceptable health risk.
- Direct Contact and Outdoor Air Exposure: The case meets Policy Criterion 3a. Maximum concentrations in soil are less than those in Policy Table 1 for Commercial/Industrial use, and the concentration limits for a Utility Worker are not exceeded.

#### **Objections to Closure and Responses**

According to a June 16 2014 conversation between Regional Water Board staff and Fund, the Regional Water Board staff will agree to closure, provided that provisions are made for certain Site monitoring wells to be maintained and utilized for downgradient investigation of (another nearby UST release, or the Valero Brothers Exxon release).

#### **Determination**

Based on the review performed in accordance with Health & Safety Code Section 25299.39.2 subdivision (a), the Fund Manager has determined that closure of the case is appropriate.

#### **Recommendation for Closure**

Based on available information, residual petroleum hydrocarbons at the Site do not pose a significant risk to human health, safety, or the environment, and the case meets the requirements of the Policy. Accordingly, the Fund Manager recommends that the case be closed. The State Water Board is conducting public notification as required by the Policy. The County has the regulatory responsibility to supervise the abandonment of monitoring wells.

  
\_\_\_\_\_  
Lisa Babcock, P.G. 3939, C.E.G. 1235

  
\_\_\_\_\_  
Date

Prepared by: Kirk Larson, P.G.